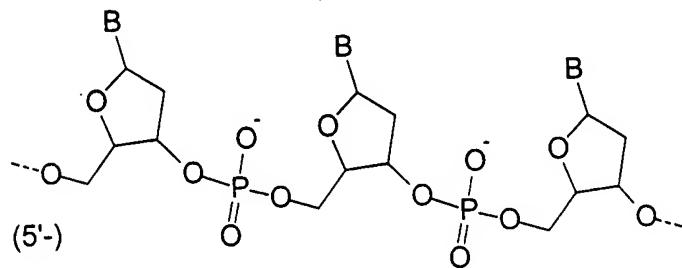
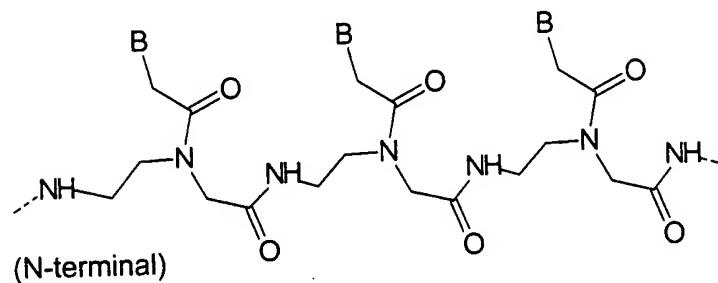


1 / 7



DNA



PNA

Figure 1

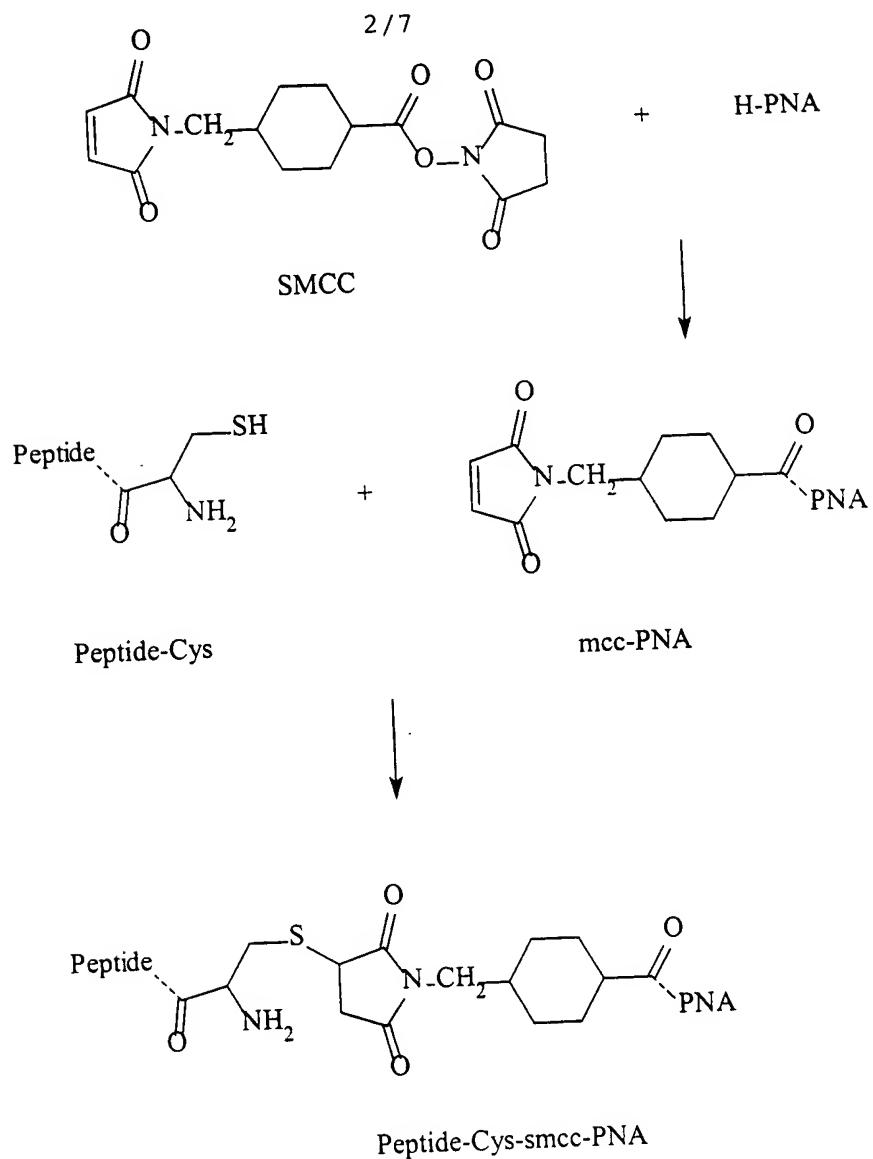


Figure 2

3/7

1 AGATCTTAAA TGCCATTGTG ATGATCTCCT TATCACCCGT CACTCTGACG
 51 GGTATATCAA TGCCTCTGGC TTGCCTTAT ACTACCGCGC GTTTGTTTAT
 101 AAACTGCCCA AATGAAACTA AATGGGAAAT TTCCAGTGAA GTTCGTAAAG
 151 TATTTTTGATCCTTGCAGT CTGTTGCATT CTGCTGGAG CAGGCTCGAT
 201 TTATGGCCTA TACCGCTACA TCGAGCCACA ACTGCCGGAT GTGGCGACAT
 251 TAAAAGATGT TCGCCTGCAA ATTCCGATGC AGATTACAG CGCCGATGGC
 301 GAGCTGATTG CTCAAATACGG TGAGAAACGT CGTATTCCGG TTACGTTGGA
 351 TCAAATCCCA CCGGAGATGG TGAAAGCCTT TATCGCGACA GAAGACAGCC
 401 GCTTCTACGA GCATCACGGC GTTGACCCGG TGGGGATCTT CCGTGCAGCA
 451 AGCGTGGCGC TGGTCTCCGG TCACCGGTCA CAAGGGGCAA GTACCATTAC
 501 CCAGCAGCTG GCGAGAAACT TCTTCCTCAG TCCAGAACGC ACGCTGATGC
 551 GTAAGATTAA GGAAGTCTTC CTCGCGATTG GCATTGAACA GCTGCTGACG
 601 AAAGACGAGA TCCTCGAGCT TTATCTGAAC AAGATTACCG TTGGTTACCG
 651 CGCCTATGGT GTCGGTGCTG CGGCACAAGT CTATTCGGAA AAAACGGTCG
 701 ACCAACTGAC GCTGAACGAA ATGGCGGTGA TAGCCGGGCT GCCGAAAGCG
 751 CCTTCCACCT TCAACCCGCT CTACTCGATG GATCGTGCCG TCGCGCGCG
 801 TAACGTCGTG CTGTCGCGGA TGCTGGATGA AGGGTATATC ACCCAACAAC
 851 AGTTCGATCA GACACGCCT GAGGCGATTAA ACGCTAACTA TCACGCGCCG
 901 GAGATTGCTT TCTCTGCGCC GTACCTGAGC GAAATGGTGC GCCAGGAGAT
 951 GTATAACCGT TATGGCGAAA GTGCCTATGA AGACGGTTAT CGCATTACAA
 1001 CCACCATCAC CCGCAAAGTG CAGCAGGCCG CGCAGCAGGC GGTACGTAAT
 1051 AACGTGCTGG ACTACGACAT GCGCCACGGC TATCGCGGCC CGGCAAATGT
 1101 GCTGTGGAAA GTGGCGAGT CGGCGTGGGA TAACAACAAG ATTACCGATA
 1151 CGCTGAAGGC GCTGCCAAC TATGGTCCGC TGCTGCCTGC CGCAGTCACC
 1201 AGCGCCAATC CTCAGCAAGC GACGGCGATG CTGGCGGACG GGTGACCGT
 1251 CGCATTGAGT ATGGAAGGCG TTGCGTGGGC GCGTCCTTAC CGTTGGATA
 1301 CTCAGCAAGG ACCGACGCCG CGTAAAGTGA CCGATGTTCT GCAAACGGGT

Figure 3A

4/7

1351 CAGCAAATCT GGGTCGTCA GGTTGGCGAT GCATGGTGGC TGGCACAAGT

1401 GCCGGAAGTG AACTCGGCGC TGGTGTGAT CAATCCGCAA AACGGTGCCG

1451 TTATGGCGCT GGTCGGTGGC TTTGATTCA ATCAGAGCAA GTTTAACCAG

1501 GCCACCCAGG CACTGCGTCA GGTGGGTTCC AACATCAAAC CGTTCCCTCA

1551 CACCGCGGCG ATGGATAAAG GTCTGACGCT GGCAAGTATG TTGAACGATG

1601 TGCCAATTTC TCGCTGGGAT GCAAGTGCCG GTTCTGACTG GCAGCCGAAG

1651 AACTCACCAC CGCAGTATGC TGGTCCAATT CGCTTACGTC AGGGGCTGGG

1701 TCAGTCGAAA AACGTGGTGA TGGTACGCGC AATGCGGGCG ATGGCGTCG

1751 ACTACGCTGC AGAATATCTG CAACGCTTCG GCTTCCCGGC ACAAAACATT

1801 GTCCACACCG AATCGCTGGC GCTGGGTCA GCGTCCTTC CCCCCATGCA

1851 GGTGGCGCGC GGCTACGCGG TCATGGCGAA CGGCGGCTTC CTGGTGGACC

1901 CGTGGTTAT CAGCAAAATT GAAAACGATC AGGGCGGGGT GATTTTCGAA

1951 GCGAAACCGA AAGTAGCCTG CCCGAATGC GATATTCCGG TGATTTACGG

2001 TGATACGCAG AAATCGAACG TGCTGGAAAA TAACGATGTT GAAGATGTCG

2051 CTATCTCCCG CGAGCAGCAG AATGTTCTG TACCAATGCC GCAGCTGGAG

2101 CAGGCAAATC AGGCAGTTAGT GGCGAAGACT GGCGCGCAGG AGTACGCACC

2151 GCACGTCATC AACACTCCGC TGGCATTCT GATTAAGAGT GCTTTGAACA

2201 CCAATATCTT TGGTGAGCCA GGCTGGCAGG GTACTGGCTG GCGTGCAGGT

2251 CGTGATTTCAGCAGTGGCGA TATCGCGGG AAAACCGGGGA CCACTAACAG

2301 TTCGAAAGAT GCGTGGTTCT CGGGTTACGG TCCGGCGTT GTGACCTCGG

2351 TCTGGATTGG CTTTGATGAT CACCGTCGTA ATCTCGGTCA TACAACGGCT

2401 TCCGGAGCGA TTAAAGATCA GATCTCAGGT TACGAAGGGCG GTGCCAAGAG

2451 TGCCCAGCCT GCATGGGACG CTTATATGAA AGCCGTTCTT GAAGGTGTGC

2501 CGGAGCAGCC GCTGACGCCG CCACCGGGTA TTGTGACGGT GAATATCGAT

2551 CGCAGCAGCG GGCAGTTAGC TAATGGTGGC AACAGCCCGA AAGAGTATT

2601 CATCGAAGGT ACGCAGCCGA CACAACAGGC AGTGCACGAG GTGGGAACGA

2651 CCATTATCGA TAATGGCGAG GCACAGGAAT TGTTCTGA

Figure 3B

1 TGCTGGTCGC AGAGAGTCTG TACCGGGCGT GGAGCATCAC CACCAACCAT
 51 CCTTATCACC GTGAGTGATA AGGGAGCTT GAGTAGAAAA CGCAGCGGAT
 101 GAAACTACAG AACTCTTTTC GCGACTATAC GGCAGAGTCC GCGCTGTTG
 151 TCGGCCGGC GCTGGTCGCC TTTTGGGA TTTGCTGCT GACCGCGTG
 201 CTTATCGCCA ACCTGTATAA TCTGCAAATT GTTCGCTTTA CCGACTACCA
 251 GACCCGCTCT AATGAAAACC GCATTAAGCT GGTGCCTATC GCGCCCAGCC
 301 GCGGCATTAT CTACGATCGT AACGGTATCC CTCTGGCCCT CAACCGCACT
 351 ATCTACCAGA TAGAAATGAT GCCGGAGAAA GTCGATAACG TGCAGCAAAC
 401 GCTGGACGCT TTGCGCAGCG TGGTAGATCT GACCGATGAC GATATTGCTG
 451 CATTCCGAAA AGAGCGCGCA CGTTCACACC GTTTCACCTC TATTCCGGTG
 501 AAAACTAACCG TGACCGAAGT ACAAGTAGCT CGCTTGCCG TCAATCAGTA
 551 CCGTTTCCG GGTGTCGAAG TTAAAGGCTA TAAACGTCGT TACTATCCTT
 601 ACGGTTCGGC GTTGACCCAC GTCATCGGCT ATGTGTCGAA AATCAACGAT
 651 AAAGACGTCG AACGCCTGAA TAATGACGGC AAACTGGCCA ACTATGCGGC
 701 AACGCATGAT ATCGGTAAGC TGGGCATTGA GCGTTACTAT GAAGATGTGC
 751 TGCACGGTCA GACCGGTTAT GAAGAGGTTG AAGTTAACAA CCGTGGCGT
 801 GTTATTGCGC AGTTAAAAGA AGTACCAACG CAAGCCGGAC ACGATATTAA
 851 CCTGACGCTG GATCTCAAAC TCCAGCAATA TATTGAAACG CTGCTGGCGG
 901 GTAGCCGCGC AGCTGTGGTA GTCACCGATC CGCGTACAGG TGGGGTGCTG
 951 GCGCTGGTTT CCACGCCTAG TTATGACCCA AACTTGGTTG TTGACGGTAT
 1001 CTCCAGCAAA GATTATTCCG CCTTGTGAA CGATCCGAAT ACACCGCTGG
 1051 TGAACCGCGC CACACAGGGG GTTTATCCTC CCGCGTCTAC AGTTAAACCC
 1101 TATGTGGCGG TTTCGGCATT GAGCGCCGGG GTGATCACGC GCAATACGAC
 1151 GCTGTTGAC CCAGGCTGGT GGCAACTGCC AGGTTCGGAA AAACGTTATC
 1201 GTGACTGGAA AAAATGGGGC CACGGCGTC TGAATGTCAC AAGATCGCTG
 1251 GAAGAATCTG CGGATAACCTT CTTCTATCAG GTGGCCTACG ATATGGGGAT
 1301 CGATCGCCTC TCCGAATGGA TGGTAAATT CGGTTATGGT CATTACACCG

Figure 4A

1351 GTATCGACCT GGCGGAAGAA CGTTCCGGCA ACATGCCTAC CCGCGAATGG
1401 AAACAGAAC GCTTTAAAAA ACCGTGGTAT CAGGGTGACA CCATTCCGGT
1451 TGGTATCGGT CAGGGTTACT GGACAGCGAC CCCAATCCAG ATGAGTAAGG
1501 CACTGATGAT CCTGATTAAT GACGGTATCG TGAAGGTTCC TCATTTGCTG
1551 ATGAGCACCG CCGAAGACGG CAAACAGGTG CCATGGGTAC AGCCGCATGA
1601 ACCGCCCCGTC GGCGATATTG ATTCCGGTTA CTGGGAGCTG GCGAAAGACG
1651 GTATGTACGG TGTTGCTAAC CGCCCTAACG GTACGGCGCA TAAATACTTT
1701 GCTAGCGCAC CGTACAAAAT TGCGGCGAAA TCCGGTACCG CTCAGGTCTT
1751 CGGTCTGAAA GCGAACGAAA CCTATAATGC GCACAAAATT GCCGAGCGTT
1801 TACGTGACCA CAAACTGATG ACCGCCTTG CGCCATACAA CAATCCGCAA
1851 GTGGCTGTCG CCATGATTCT GGAGAACGGT GGTGCGGGTC CGGCGGTTGG
1901 TACACTGATG CGCCAGATCC TCGACCACAT TATGCTGGGT GATAACAACA
1951 CCGATCTGCC TGCGGAAAAT CCAGCGGTTG CCGCAGCGGA GGACCATTAA

Figure 4B

7 / 7

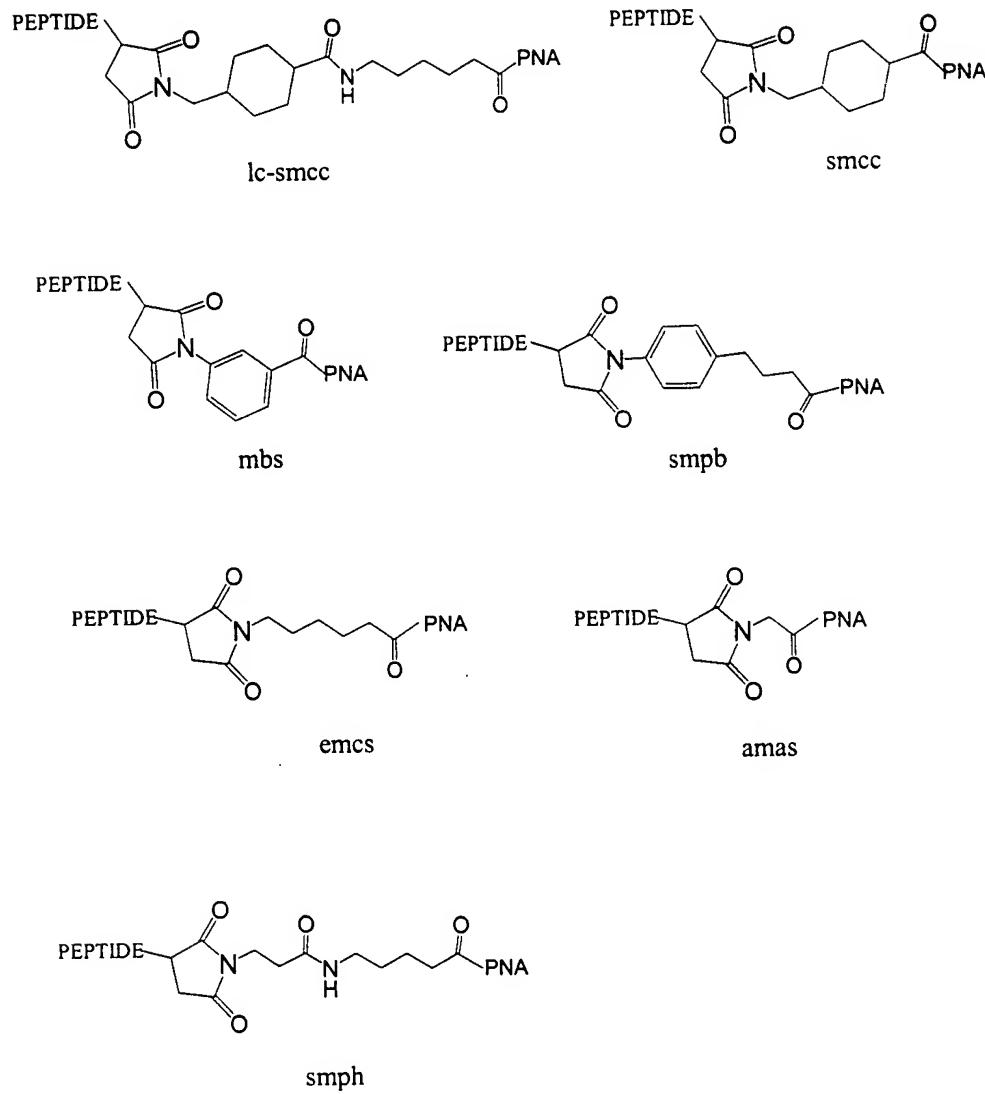


Figure 5